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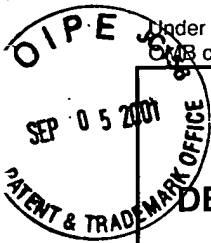


PTO/SB/04 (12-97)

Approved for use through 9/30/00. OMB 0651-0032

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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SUPPLEMENTAL DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)	Attorney Docket Number	50275-0018 (NTI-020)
	First Named Inventor	J. Tracy Weed
	COMPLETE IF KNOWN	
	Application Number	09/752,809
	Filing Date	12/27/2000
	Group Art Unit	2812
	Examiner Name	unknown

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As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if multiple names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

MANUFACTURING INTEGRATED CIRCUITS

(Title of the Invention)

the specification of which

☐ is attached hereto
OR

☒ was filed on (MM/DD/YYYY)

12/27/2000

as United States Application Number or PCT International

Application Number 09/752,809 and was amended on (MM/DD/YYYY) N/A (if applicable).

I hereby declare that the subject matter of the ☐ attached amendment ☐ amendment filed on ☐ was part of my or our invention and was invented before the filing date of the original application, above identified for such invention.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
N/A			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.
N/A		

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Type a plus sign (+) inside this box



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SUPPLEMENTAL DECLARATION — UTILITY OR DESIGN PATENT APPLICATION

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of the application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)
N/A		

☐ Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: ☒ Customer Number 29477

OR

☐ Registered practitioner(s) name/registration number listed below

Place Customer
Number Bar
Code Label here

Name	Registration Number	Name	Registration Number
		RECEIVED DEC 31 2002 Technology Center 2100	2800

☐ Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto.

Direct all correspondence to: ☒ Customer Number 29477 OR ☐ Correspondence address below

Name					
Address					
Address					
City		State		ZIP	
Country		Telephone	(408) 451-5907	Fax	(408) 451-5908

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor:		<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle (if any))			Family Name or Surname		
J. Tracy			Weed		
Inventor's Signature				Date	8/28/01
Residence: City	San Jose	State	CA	Country	US
Post Office Address	5959 Larabee Court				
Post Office Address					
City	San Jose	State	CA	ZIP	95120
				Country	US

☒ Additional inventors are being named on the 1 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

Please type a plus sign (+) inside this box

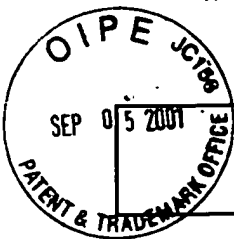
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DECLARATION

ADDITIONAL INVENTOR(S)
Supplemental Sheet
Page 1 of 1

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Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle (if any))				Family Name or Surname			
Christophe				Pierrat			
Inventor's Signature				Date		8/28/01	
Residence: City		Santa Clara		State		CA	
				Country		US	
Post Office Address		420 Riverside Court, Apt. 307					
Post Office Address							
City		Santa Clara		State		CA	
				ZIP		95054	
				Country		US	

Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle (if any))				Family Name or Surname			
Yagyensh (Buno)				Pati			
Inventor's Signature				Date		8/28/01	
Residence: City		Woodside		State		CA	
				Country		US	
Post Office Address		151 Marva Oaks Drive					
Post Office Address							
City		Woodside		State		CA	
				ZIP		94062	
				Country		US	

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Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle (if any))				Family Name or Surname			
Atul				Sharan			
Inventor's Signature				Date		08/28/01	
Residence: City		Cupertino		State		CA	
				Country		US	
Post Office Address		21490 Vai Avenue					
Post Office Address							
City		Cupertino		State		CA	
				ZIP		95014	
				Country		US	

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: J. Tracy Weed et al.

Group No.: 2812

Application No.: 09/752,809

Examiner: unknown

Filed: 12/27/2000

For: "Manufacturing Integrated Circuits"

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Assistant Commissioner for Patents
Washington, D.C. 20231

**ASSENT OF ASSIGNEE TO CORRECTION
AND/OR ADDITION OF INVENTOR(S)**

Numerical Technologies Inc.

(type or print name of assignee)

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70 West Plumeria Drive San Jose, CA 95134

Address

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Numerical Technologies Inc., assignee of the entire right, title and interest in the above-identified patent application by virtue of Assignments identified below and an Assignment executed by J. Tracy Weed, Christophe Pierrat, and Yagyensh (Buno) Pati, a copy attached hereto, hereby consents to correct the inventorship of the above-identified patent application to include Atul Sharan as an inventor.

Assignment

☒ Recorded on 05/04/2001
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Frame 0822

☐ Recorded herewith
☐ A separate "ASSIGNMENT" (DOCUMENT) COVER SHEET is attached.

or

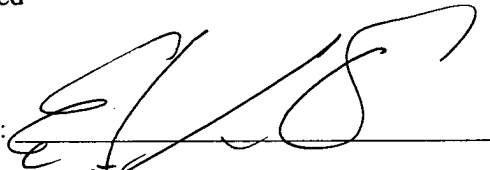
☐ FORM PTO 1595 is attached.

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Assignee hereby assents to the correction of inventorship filed

☒ herewith
☐ on

Dated: 8/30/2001

By: 
Name: Erik L. Oliver
Title: Dir. of Intellectual Property



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: J. Tracy Weed et al.

Group No.: 2812

Application No.: 09/752,809

Examiner: unknown

Filed: 12/27/2000

For: "Manufacturing Integrated Circuits"

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STATEMENT OF INVENTOR

I, Atul Sharan, declare that the following is true and correct:

1. I have worked at Numerical Technologies Inc. since Oct '98. At the time that the invention described and claimed in patent application Serial No. 09/752,809 was made I held the position of Senior Vice President. I presently hold the position of Senior Vice President.

2. Upon my review of the specification and claims presently pending in the above-referenced patent application, it is my belief that I am an inventor of the invention claimed in the application.

3. The error in inventorship occurred due to a simple error of omission.

4. I believe that the omission of my name as an inventor in the above-referenced patent application was inadvertent and was not done with any deceptive intent.

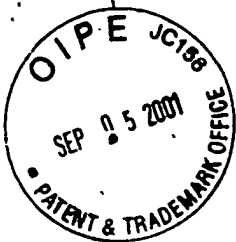
5. I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 of the United States Code, and that such willful, false statements may jeopardize the validity of the application or any patent issuing therefrom.

Executed this 28th day of August, 2001.

Signature: 

Typed Name: Atul Sharan

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Attorney Docket No. 50275-0018 (NTI-020)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: J. Tracy Weed et al.

Group No.: 2812

Application No.: 09/752,809

Examiner: unknown

Filed: 12/27/2000

For: "Manufacturing Integrated Circuits"

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Washington, D.C. 20231

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**AMENDMENT, PETITION AND FEE TO DELETE AND/OR ADD TO ORIGINAL
ERRONEOUSLY NAMED OR NOT NAMED INVENTOR(S) IN DECLARATION –
NONPROVISIONAL APPLICATION – (37 C.F.R. §1.48(a))**

NOTE: "If the inventive entity is set forth in error in an executed § 1.63 oath or declaration in an application, other than a reissue application, and such error arose without any deceptive intention on the part of the person named as an inventor in error or on the part of the person who through error was not named as an inventor, the application may be amended to name only the actual inventor or inventors." 37 C.F.R. §1.48(a).

NOTE: 37 C.F.R. §1.48(f) states: "If the correct inventor or inventors are not named on filing a nonprovisional application under §1.53(g) without an executed oath or declaration under §1.63 during the pendency of the application will act to correct the earlier identification of inventorship."

"(2) If the correct inventor or inventors are not named on filing a provisional application without a cover sheet under §1.51(c)(1), the later submission of a cover sheet under §1.51(c)(1) during the pendency of the application will act to correct the earlier identification of inventorship."

1. This amendment and petition is to correct the incorrect original naming of the inventor(s) in the declaration under 37 C.F.R. §1.48(a) as set forth and filed on 05/01/2001.

2. Addition and/or Deletion of Inventor(s)

(check and complete all applicable items)

☒ Add the following previously unnamed person(s) as inventor(s) of this application:
Atul Sharan

☐ Delete the following previously incorrectly named inventor(s):

09/07/2001 MWOLDER1 00000138 500574 09752809

01 FC:122 130.00 CH

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3. Attachments
Attached is

(a) A statement from:

(check items below that apply)

- ☒ each person being added as an inventor that the error in inventorship occurred without deceptive intention on his or her part. 37 C.F.R. §1.48(a)(1).
- ☐ each person being deleted as an inventor that the error in inventorship occurred without deceptive intention on his or her part. 37 C.F.R. §1.48(a)(2).

- (b) a declaration by each of the actual inventor(s) as required by 37 C.F.R. §1.63 (or as permitted by §§1.42, 1.43, OR 1.47). 37 C.F.R. §1.48(a)(2).
- (c) written assent of the assignee (if any of the original inventors executed an assignment). 37 C.F.R. §1.48(a)(4).
- (d)

(check the following item, if all the inventor(s) remaining after this petition and amendment is accepted are not the inventor(s) of the subject matter of all the claim(s) now being claimed)

- ☐ Attached is an explanation of the facts, including the ownership of all the claim(s) being claimed in this application, including the ownership of all the claim(s) at the time the last claimed invention was made (Declaration of Inventorship and Common Ownership of Claims in Application).

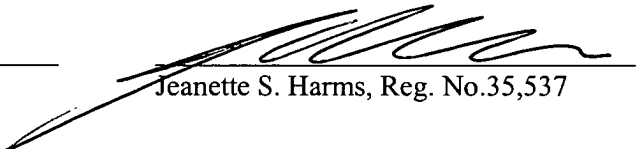
4. Fee Payment (37 C.F.R. §1.17(i))

The fee required is paid as follows:

- ☐ Enclosed is a check for \$130.00.
- ☒ Charge Account 50-0574 for any fee deficiency.
- ☒ Charge Account 50-0574 the sum of \$130.00.

Respectfully submitted,

Date: 8-31-01


Jeanette S. Harms, Reg. No.35,537

Telephone: (408) 451-5907
Customer No. 29477